

REMARKS

The Office Action mailed June 17, 2005 has been carefully considered. Applicants gratefully acknowledge the indication of allowance of claims 69, 74 and 77. Within the Office Action, Claims 61-63, 66-68, 70, 72, 75 and 76 have been rejected. Claims 64, 65, 71, 73 and 78 have been objected to. Within the present response, the Applicants have amended Claims 61 and 72 and have added new Claims 79 and 80. Reconsideration in view of the following remarks is respectfully requested.

Rejection under U.S.C. § 102

Claims were rejected under 35 U.S.C. § 102(b) as being allegedly anticipated by Baxter (5,209,131). The Applicants respectfully traverse.

According to the M.P.E.P., a claim is anticipated under 35 U.S.C. § 102(a), (b) and (e) only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference.

Baxter discloses a measuring probe having a stylus suspended by resilient forces. During a calibration process, a turntable is used to rotate a probe tip of the stylus through a circular path while probe data is obtained and correlated with positional data for use in correcting measurement signals. However, Baxter fails to disclose or suggest a turntable configured to rotate about the axis at least during making a measurement of or detecting information associated with the three dimensional geometry of the object. In addition, Baxter fails to disclose or suggest a processor configured to determine the three dimensional geometry of the object based on the measurement and the angular rotation.

The Applicants respectfully disagree with the rejections to Claims 61 and 72 in light of Baxter. However, the Applicants have amended Claims 61 and 72 to expedite prosecution and

allowance of the present application. Claim 61 is allowable over Baxter, because Baxter does not disclose a turntable configured to rotate about the axis at least during making a measurement of the three dimensional geometry of the object. In addition, Claim 72 is allowable over Baxter, because Baxter does not disclose a turntable configured to rotate about an axis at least during detecting information associated with the three dimensional geometry of the object.

Accordingly, Claims 61 and 72 are allowable over Baxter.

As to dependent claims 62-68, 70 and 71, these claims are dependent on Independent Claim 61. Regarding claims 73, 75, 76 and 78, these claims are dependent on Independent Claim 72. As stated above, Claims 61 and 72 are allowable over Baxter. Accordingly, Claims 62-68, 70, 71, 73, 75, 76 and 78 are allowable for being dependent on allowable base claims.

New Claims

The Applicants have added new claims 79 and 80 which are dependent on Claims 61 and 72, respectively. The Applicant submit that new claims 79 and 80 are fully supported by the specification and are allowable over the prior art. Allowance of Claims 79 and 80 are respectfully requested.

Conclusion

It is believed that the present patent application is in a condition for allowance. Early allowance of the present application is earnestly solicited.

If, in the opinion of the Examiner, an interview would expedite the prosecution of this application, the Examiner is invited to call the undersigned attorney at the number indicated below.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Please charge any additional required fee or credit any overpayment not otherwise paid or credited to our deposit account No. 50-1698.

Respectfully submitted,

THELEN REID & PRIEST, LLP

Dated: 9/16/05

A handwritten signature in black ink, appearing to read 'S. Bhattacharya', with a long horizontal stroke extending to the right.

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